

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA  
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USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE  
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

SOYBEAN HARVEST DELAYED BY RAINS

Corn and soybeans are maturing rapidly, however producers need dryer conditions to continue harvest and reduce drying costs, according to the USDA, NASS, Minnesota Field Office. Rains late in the week halted harvest and high wind in isolated areas of the state caused lodging in some corn fields. A hard frost was reported in some of the northern counties of the state.

The average temperature for the week was 61 degrees, 5.3 degrees above normal. Statewide topsoil moisture supplies as of September 23<sup>rd</sup> were rated 1% very short, 5% short, 86% adequate, and 8% surplus.

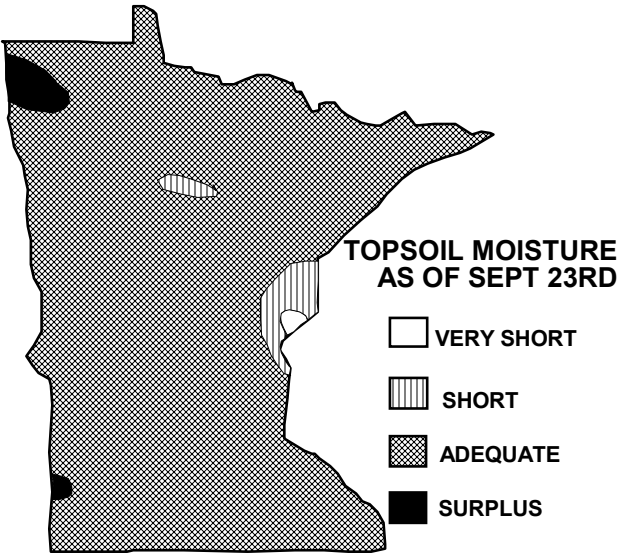
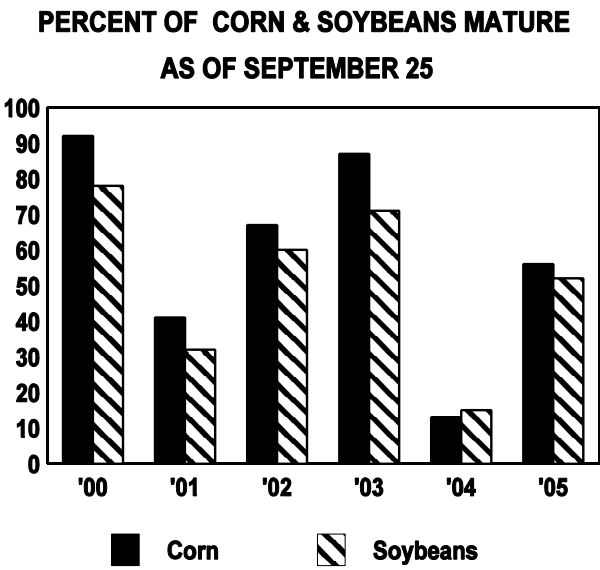
An estimated 56% of field corn acreage was mature as of Sunday, compared with 13% for the same date in 2004 and 60% for the five-year average. Two percent of the corn for grain was harvested versus 0% last year and 3% for the five-year average. Corn for silage was 83% harvested versus 28% last year and 75% for the 5-year average.

Eighty-five percent of the soybeans were dropping leaves compared with 53% last year and 81% for the five-year average. Fifty-two percent of the soybeans were mature versus 15% last year and 51% for the 5-year average. The soybean harvest was 16% complete compared to 0% last year and 16% for the five year average. Sugarbeet harvest was 8% complete versus 6% last year and 8% for the 5-year average.

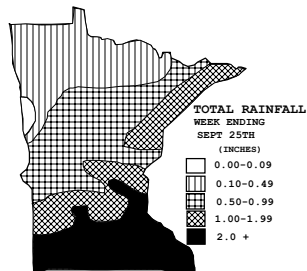
Days Suitable for Fieldwork: 5.3				
	Very Short	Short	Ade-quate	Sur-plus
Topsoil Moisture (%)	1	5	86	8

Crop Progress as of September 25 , 2005					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Dent	98	96	83	95
	Mature	56	34	13	60
	Harvested	2	1	0	3
Field Corn	Cut for Silage	83	63	28	75
Soybeans	Turning Yellow	99	94	89	96
	Dropping Leaves	85	62	53	81
	Mature	52	16	15	51
	Harvested	16	2	0	16
Potatoes	Harvested	48	29	57	51
Sugarbeets	Harvested	8	4	6	8
Dry Beans	Harvested	50	28	21	50
Sweet Corn	Harvested	96	84	81	93

Crop Condition as of September 23, 2005 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	4	10	27	51	8
Field Corn	3	5	23	46	23
Soybeans	2	4	23	49	22
Dry Beans	1	3	32	53	11
Potatoes	1	2	12	66	19
Sunflowers	1	8	26	56	9
Sugarbeets	2	9	27	45	17



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING September 25, 2005:  
Temperatures averaged from 2.2 degrees above normal in the Northeast District to 6.9 degrees above normal in the Central District. Extremes: 92° in Lamberton, Winnebago; 26° in Hibbing. Precipitation averaged from 0.39 inch below normal in the Northwest District to 4.60 inches above normal in the South Central District. Greatest weekly total was 8.73 inches recorded in Winnebago.



Precipitation and Temperature Summary for 9/19/2005 through 9/25/2005

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	From Norm Since 4/1	Since May 4	Depart from Norm
<u>NW DIST 1</u>										
Crookston	78	38	57.2	2.9	.23	-.26	.99	3.60	2205	15
Moorhead	83	41	58.7	3.3	.02	-.48	-.39	7.02	2398	101
Warroad	72	36	54.7	3.1	.15	-.44	-1.63	2.72	1890	-9
<u>NC DIST 2</u>										
Grand Rapids	84	31	56.6	4.0	.65	-.05	.80	-2.31	2105	194
Intl. Falls	74	27	50.2	-.5	.42	-.26	-1.46	2.00	1779	-1
Itasca	77	33	56.1	5.4	.59	-.07	-.78	-.94	2070	282
<u>NE DIST 3</u>										
Duluth	81	38	55.8	3.3	1.57	.65	-.35	-2.52	1873	177
Grand Marais	73	38	55.5	2.5	1.26	.48	-.78	-1.57	1314	-19
Hibbing	79	26	52.2	1.0	.25	-.48	.05	-7.15	1837	97
<u>WC DIST 4</u>										
Alexandria	85	45	60.8	5.5	.72	.13	4.60	8.62	2361	157
Browns Valley	91	37	62.1	4.9	.32	-.09	2.89	8.24	2502	62
Canby	91	42	66.0	6.9	1.59	1.05	2.41	1.77	2775	205
Fergus Falls	82	46	62.6	7.3	.63	.15	.88	7.33	2453	218
Montevideo	91	45	63.4	5.7	1.90	1.41	3.56	5.83	2598	162
Morris	86	45	62.8	6.3	.45	-.03	1.53	4.12	2420	57
<u>CENT DIST 5</u>										
Becker	85	42	64.2	9.2	2.24	1.57	4.53	3.53	2632	461
Collegeville	M	M	M	M	M	M	1.23m	1.89m	2598m	111m
Hutchinson	89	43	64.8	7.0	1.82	1.35	4.83	8.37	2662	209
Olivia	90	44	64.2	7.4	2.24	1.65	3.78	9.00	2585	200
St. Cloud	83	44	61.1	6.1	1.49	.87	2.41	1.39	2495	324
Staples	83	35	58.6	4.9	.66	.07	1.58	6.06	2167	199
Willmar	88	45	64.0	7.0	1.93	1.33	4.71	2.73	2568	185
<u>EC DIST 6</u>										
Aitkin	82	34	58.2	5.3	.58	-.07	.41	1.65	2188	333
Forest Lake	87	43	64.8	7.9	1.75	1.04	1.32	-2.66	2670	335
MSP Airport	89	49	64.7	6.1	1.65	1.09	1.40	1.55	2869	315
St. Paul - UofM	88	45	67.0	6.9	3.03	2.34	2.18	2.10	2852	218
<u>SW DIST 7</u>										
Lamberton	92	39	65.2	7.3	3.26	2.71	7.04	9.99	2660	176
Pipestone	90	42	64.6	7.8	2.80	2.18	5.27	9.45	2584	195
Redwood Falls	90	44	64.0	4.6	1.49	.97	3.97	5.03	2683	47
Worthington	90	40	64.2	7.4	5.18	4.64	6.64	9.36	2617	289
<u>SC DIST 8</u>										
Faribault	89	42	63.7	6.3	5.42	4.74	7.50	8.95	2609	235
Mankato	91	43	64.4	6.3	2.43	1.78	1.23	1.47	2645	167
Waseca	90	46	65.8	7.9	4.37	3.70	3.33	5.91	2686	264
Winnebago	92	45	65.2	6.9	8.73	8.18	8.69	14.30	2722	243
<u>SE DIST 9</u>										
Preston	88	38	63.3	5.9	3.75	2.99	1.80	3.77	2502	215
Red Wing	89	43	63.9	5.6	2.72	1.95	2.35	-.12	2685	220
Rochester	91	44	64.3	7.5	4.15	3.49	3.74	.54	2586	330
Rosemount	88	44	63.9	4.8	2.26	1.51	1.30	-2.83	2611	139
Winona	90	45	66.6	5.9	2.85	2.10	1.14	2.15	2825	90

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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